

EXHIBIT A

## EAFUS: A Food Additive Database

This information is generated from a database maintained by the U.S. Food and Drug Administration (FDA) Center for Food Safety and Applied Nutrition (CFSAN) under an ongoing program known as the Priority-based Assessment of Food Additives (PAFA). PAFA contains administrative, chemical and toxicological information on over 2000 substances directly added to food, including substances regulated by the U.S. Food and Drug Administration (FDA) as direct, "secondary" direct, and color additives, and Generally Recognized As Safe (GRAS) and prior-sanctioned substances. In addition, the database contains only administrative and chemical information on less than 1000 such substances. The more than 3000 total substances together comprise an inventory often referred to as "*Everything*" Added to Food in the United States (EAFUS).

The EAFUS list of substances contains ingredients added directly to food that FDA has either approved as food additives or listed or affirmed as GRAS. Nevertheless, it contains only a partial list of all food ingredients that may in fact be lawfully added to food, because under federal law some ingredients may be added to food under a GRAS determination made independently from the FDA. The list contains many, but not all, of the substances subject to independent GRAS determinations. For information about the GRAS notification program please consult the Inventory of GRAS Notifications. Additional information on the status of Food and Color Additives can be obtained from the Food Additive Status List or the Color Additive Status List (formerly called Appendix A of the Investigations Operations Manual).

The list below is an alphabetical inventory representing only five of 196 fields in FDA/CFSAN's PAFA database.

Definitions of the labels that are found in the inventory are:

Label	Definition
DOCTYPE	An indicator of the status of the toxicology information available for the substance in PAFA (administrative and chemical information is available on all substances):
ASP	Fully up-to-date toxicology information has been sought.
EAF	There is reported use of the substance, but it has not yet been assigned for toxicology literature search.
NEW	There is reported use of the substance, and an initial toxicology literature search is in progress.
NIL	Although listed as a added to food, there is no current reported use of the substance, and,

		therefore, although toxicology information may be available in PAFA, it is not being updated.
	NUJL	There is no reported use of the substance and there is no toxicology information available in PAFA.
	BAN	The substance was formerly approved as a food additive but is now banned; there may be some toxicology data available.
DOCNUM		PAFA database number of the <i>Food Additive Safety Profile</i> volume containing the printed source information concerning the substance.
MAINTERM		The name of the substance as recognized by CFSAN.
CAS RN OR OTHER CODE		Chemical Abstract Service (CAS) Registry Number for the substance or a numerical code assigned by CFSAN to those substances that do not have a CAS Registry Number (888nnnnn or 977nnnnn-series).
REGNUM		Regulation numbers in Title 21 of the U.S. Code of Federal Regulations where the chemical appears.

To access the specific regulations listed below, type in the title number, 21, and then the section and part numbers, e.g. 184 and 1330 at the [Government Printing Office](#) web site.

To search this list, use your browser's "find" feature. In most web browsers look under the **Edit** menu at the top of your browser window and click on **Find** (or use **CTRL-F**) to bring up the browser's "find" window. Type in the phrase you wish to search on, and your browser window should move to the next occurrence of that phrase on this web page.

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## EVERYTHING ADDED TO FOOD IN THE UNITED STATES

DOC TYPE	DOC NUMBER	MAINTERM	CAS RN OR OTHER CODE	REGNUM
ASP	1620	ACACIA, GUM (ACACIA SENEGAL (L.) WILLD.)	009000-01-5	169.179 172.230

ASP	0215	CARYOPHYLLENE ALCOHOL ACETATE	017622-35-4	172.515
ASP	0216	BETA-CARYOPHYLLENE OXIDE	001139-30-6	172.515
ASP	1868	CASCARA, BITTERLESS, EXTRACT (RHAMNUS PURSHIANA DC.)	977090-83-7	172.510
EAF	1869	CASCARILLA BARK, EXTRACT (CROTON SPP.)	977083-53-6	182.20
EAF	1870	CASCARILLA BARK, OIL (CROTON SPP.)	008007-06-5	182.20
ASP	1871	CASEIN	009000-71-9	101.4
				135.110
				135.140
				166.110
				182.90
ASP	1935	CASSIA BUDS (CINNAMOMUM CASSIA BLUME)	977091-24-9	182.10
				182.20
EAF	1872	CASSIE, ABSOLUTE (ACACIA FARNESIANA (L.) WILLD.)	977017-58-5	172.510
EAF	1873	CASTOREUM, EXTRACT (CASTOR SPP.)	008023-83-4	182.50
EAF	1874	CASTOREUM, LIQUID (CASTOR SPP.)	977016-89-9	182.50
ASP	0217	CASTOR OIL (RICINUS COMMUNIS L.)	008001-79-4	172.510
				172.876
				175.105
				175.300
				176.210
				177.2600
				177.2800
				178.3520
				178.3910
				73.1